

IN THE CLAIMS:

- 1 1. (Previously Presented): A method for verifying a configuration of a storage environ-
2 ment having at least one storage system operatively interconnected with at least one cli-
3 ent, the method comprising the steps of:
4 initiating a configuration verification program on at least one client to determine:
5 (i) versions of components of the storage environment;
6 (ii) configuration settings of components of the storage environment; and
7 (iii) if one or more components of the storage environment have failed; and
8 presenting a report to a user identifying a set of warnings and errors with the con-
9 figuration of the storage environment.
- 1 2. (Original): The method of claim 1 wherein the step of initiating the configuration
2 verification program comprises the step of entering a command line interface command.
- 1 3. (Original): The method of claim 1 wherein components of the storage environment
2 further comprise one or more storage systems.
- 1 4. (Original): The method of claim 1 wherein components of the storage environment
2 further comprise one or more clients.
- 1 5. (Original): The method of claim 1 wherein components of the storage environment
2 further comprise one or more network switches.
- 1 6. (Original): The method of claim 1 wherein components of the storage environment
2 further comprise one or more interconnecting cables joining other components.

1 7. (Original): The method of claim 1 further comprising the step of remotely accessing
2 each of the storage systems by the configuration verification program to determine the
3 version of a storage operating system executing on the storage system.

1 8. (Original): The method of claim 7 wherein the step of remotely accessing each of the
2 storage systems comprises the step of sending a remote application program interface
3 command to the storage system.

1 9. (Original): The method of claim 1 wherein the report further comprises a return code.

1 10. (Original): The method of claim 1 wherein the report further comprises a graphical
2 representation of the configuration of the storage environment.

1 11. (Original): The method of claim 10 wherein the graphical representation further
2 comprises representations of a version and current configuration of each component of
3 the storage environment.

1 12. (Original): The method of claim 1 wherein an administrator initiates the configura-
2 tion verification program.

1 13. (Original): The method of claim 1 further comprising the step of automatically cor-
2 recting any of the set of warnings and errors detected.

1 14. (Original): The method of claim 1 further comprising the step of passing the set of
2 warnings and errors to an expert system.

1 15. (Original): A system for verifying a configuration of a storage environment having
2 at least one storage system and a client, the system comprising:

3 a configuration verification program executing on the client and adapted to de-
4 termine versions of components of the storage environment, configuration settings of
5 components of the storage environment and if one or more components of the storage en-
6 vironment have failed.

1 16. (Original): The system of claim 15 wherein the configuration verification program is
2 further adapted to present a report to a user identifying a set of warnings and errors with
3 the configuration of the storage environment.

1 17. (Original): The system of claim 16 wherein the report comprises a graphical repre-
2 sentation of the current configuration of the storage environment.

1 18. (Original): A system for verifying a configuration of a storage environment having
2 at least one storage system and a client, the system comprising:
3 a configuration verification program executing on the client and including means
4 for determining versions of components of the storage environment;
5 means for determining configuration settings of components of the storage envi-
6 ronment;
7 means for determining if one or more components of the storage environment
8 have failed; and
9 means for presenting a report to a user identifying a set of warnings and errors
10 with the configuration of the storage environment.

1 19. (Original): The system of claim 18 wherein the report comprises a graphical repre-
2 sentation of the current configuration of the storage environment.

1 20. (Original): The system of claim 18 wherein the means for determining configuration
2 settings of components comprises means for remotely logging into each of the compo-
3 nents of the storage environments.

1 21. (Original): A computer readable medium, including program instructions executing
2 on a computer, for verifying a configuration of a storage environment, the computer
3 readable medium including instructions for:

4 determining versions of components of the storage environment;
5 determining configuration settings of components of the storage environment;
6 determining if one or more components of the storage environment have failed;
7 and
8 presenting a report to a user identifying a set of warnings and errors with the con-
9 figuration of the storage environment.

1 22. (Previously Presented): The computer readable medium of claim 21 wherein the step
2 of determining versions of the components of the storage environment further comprises
3 the step of remotely accessing one or more storage systems to determine the version of a
4 storage operating system executing thereon.

1 23. (Previously Presented): The computer readable medium of claim 21 wherein the step
2 of remotely accessing each of the one or more storage systems comprises the step of
3 sending a remote application program interface command to the one or more storage sys-
4 tems.

1 24. (Previously Presented): A system for verifying a configuration of a storage envi-
2 ronment, the system comprising:
3 one or more storage systems;

4 one or more clients, at least one of the one or more clients configured to execute a
5 configuration verification program adapted to determine versions of one or more compo-
6 nents of the storage environment, to configure settings of the one or more components of
7 the storage environment and wherein the configuration verification program is further
8 adapted to determine if any of the one or more components of the storage environment
9 have failed.

1 25. (Previously Presented): The system of claim 24 wherein the configuration verifica-
2 tion program is further adapted to present a report to a user identifying a set of warnings
3 and errors with the configuration of the storage environment.

1 26. (Previously Presented): The system of claim 25 wherein the report comprises a
2 graphical representation of the current configuration of the storage environment.

1 27. (Previously Presented): The system of claim 26 wherein the graphical representation
2 comprises:

3 a client name field, the client name field to represent a name of the identified cli-
4 ent;

5 a client type field, the client type field to identify a type of system that the client
6 comprises; and

7 a client version field, the client version field to identify a particular version of an
8 operating system.

1 28. (Previously Presented): The system of claim 27 wherein the client version field fur-
2 ther comprises a software version identity.